

=> d his nofile

(FILE 'HOME' ENTERED AT 08:37:52 ON 09 JAN 2007)

FILE 'HCAPLUS' ENTERED AT 08:38:14 ON 09 JAN 2007

E US2006-10551137/APPS  
E US2005-10551137/APPS  
E US2007-10551137/APPS  
E US2003-10551137/APPS  
E US2004-10551137/APPS  
E US2002-10551137/APPS  
E US20060258837/PN

L1 1 SEA ABB=ON PLU=ON US20060258837/PN  
D ALL  
SEL RN

FILE 'REGISTRY' ENTERED AT 08:41:49 ON 09 JAN 2007

L2 3 SEA ABB=ON PLU=ON (100493-52-5/BI OR 109-66-0/BI OR  
1343-93-7/BI)  
D SCAN  
L3 1 SEA ABB=ON PLU=ON 1343-93-7/RN  
D SCAN  
L4 1 SEA ABB=ON PLU=ON 100493-52-5/RN  
D SCAN  
D CRN STR  
L5 18395 SEA ABB=ON PLU=ON 126-30-7/CRN  
L6 7700 SEA ABB=ON PLU=ON 109-99-9/CRN  
L7 1 SEA ABB=ON PLU=ON 109-66-0/RN  
SAV TEMP L2 KAT137REG/A  
E A/PCT  
D L4 PCT  
E POLYETHER/PCT  
L8 280192 SEA ABB=ON PLU=ON POLYETHER/PCT  
E POLYETHER FORMED/PCT  
L9 75353 SEA ABB=ON PLU=ON POLYETHER FORMED/PCT  
E POLYOTHER/PCT  
L10 259591 SEA ABB=ON PLU=ON POLYOTHER/PCT  
L11 23005 SEA ABB=ON PLU=ON L8 AND L9 AND L10  
L12 76 SEA ABB=ON PLU=ON L5 AND L6

FILE 'HCAPLUS' ENTERED AT 08:57:59 ON 09 JAN 2007

E HAUBNER M/AU  
L13 25 SEA ABB=ON PLU=ON HAUBNER M?/AU  
E PINKOS R/AU  
L14 116 SEA ABB=ON PLU=ON PINKOS R?/AU  
L15 10 SEA ABB=ON PLU=ON L13 AND L14  
L16 29793 SEA ABB=ON PLU=ON BASF?/PA,CS,SO,CO  
L17 131 SEA ABB=ON PLU=ON (L13 OR L14)  
L18 107 SEA ABB=ON PLU=ON L16 AND L17  
D SCAN L15

FILE 'ZCAPLUS' ENTERED AT 09:01:07 ON 09 JAN 2007

FILE 'HCAPLUS' ENTERED AT 09:02:31 ON 09 JAN 2007

L19 17 SEA ABB=ON PLU=ON L4/P  
D SCAN  
L20 12577 SEA ABB=ON PLU=ON L5  
L21 8749 SEA ABB=ON PLU=ON L6  
L22 111 SEA ABB=ON PLU=ON L20 AND L21  
D SCAN L1  
E POLYOXYALKYLENES/CT  
E "POLYOXYALKYLENES, PREPARATION"/CT  
E E3+ALL  
L23 10398 SEA ABB=ON PLU=ON "POLYOXYALKYLENES, PREPARATION"+PFT  
,OLD,NT/CT

## E HETEROPOLY ACIDS/CT

## E E3+ALL

L24 10148 SEA ABB=ON PLU=ON "HETEROPOLY ACIDS"+PFT, OLD, NT/CT  
 L25 86 SEA ABB=ON PLU=ON L23 (L) CAT/RL  
 L26 0 SEA ABB=ON PLU=ON L25 AND L19  
 L27 21 SEA ABB=ON PLU=ON L4  
 L28 0 SEA ABB=ON PLU=ON L27 AND L25  
 L29 13 SEA ABB=ON PLU=ON L27 AND L24  
 L30 12 SEA ABB=ON PLU=ON L19 AND L24  
 L31 13 SEA ABB=ON PLU=ON L22 AND L24  
 L32 10 SEA ABB=ON PLU=ON L19 AND L23  
 L33 26 SEA ABB=ON PLU=ON L22 AND L23  
 L34 8 SEA ABB=ON PLU=ON L33 AND L24  
 E GLYCOLS, PREPARATION/CT  
 E "GLYCOLS, PREPARATION"+PFT, OLD, NT/CT  
 L35 2448 SEA ABB=ON PLU=ON "GLYCOLS, PREPARATION"+PFT, OLD, NT/C  
 T  
 L36 33 SEA ABB=ON PLU=ON L23 AND L35  
 L37 3 SEA ABB=ON PLU=ON L36 AND L24  
 D SCAN  
 L38 2047 SEA ABB=ON PLU=ON (POLYOXYALKYLENE OR POLY(A) OXYALKYL  
 ENE OR POLYOXY(A) ALKYLENE OR POLY(W) OXY(W) ALKYLENE) (2A)  
 GLYCOL  
 L39 292 SEA ABB=ON PLU=ON L38 (L) PREP/RL  
 L40 9427 SEA ABB=ON PLU=ON HETEROPOLY (A) ACID  
 L41 3 SEA ABB=ON PLU=ON L40 AND L39  
 D SCAN  
 L42 7 SEA ABB=ON PLU=ON L38 AND L40  
 D SCAN  
 D SCAN L1  
 D QUE L33  
 D QUE L42  
 L43 2064 SEA ABB=ON PLU=ON HETEROPOLYACID OR HETERO (W) POLY (W) A  
 CID  
 L44 10290 SEA ABB=ON PLU=ON L43 OR L40  
 L45 3 SEA ABB=ON PLU=ON L44 AND L39  
 L46 13 SEA ABB=ON PLU=ON L44 AND (L22 OR L27)  
 L47 4255 SEA ABB=ON PLU=ON L24 (L) CAT/RL  
 L48 13 SEA ABB=ON PLU=ON L47 AND (L22 OR L27)  
 L49 12 SEA ABB=ON PLU=ON L47 AND L19  
 D QUE L32  
 L50 8 SEA ABB=ON PLU=ON L32 AND (L44 OR L24)  
 L51 20 SEA ABB=ON PLU=ON (L29 OR L30 OR L31 OR L32) OR L34  
 OR L37 OR L41 OR L42 OR (L45 OR L46) OR (L48 OR L49 OR  
 L50)  
 D QUE  
 D SCAN

FILE 'STNGUIDE' ENTERED AT 10:16:05 ON 09 JAN 2007  
 D SCAN L1

FILE 'ZCAPLUS' ENTERED AT 10:20:58 ON 09 JAN 2007

FILE 'HCAPLUS' ENTERED AT 10:21:02 ON 09 JAN 2007  
 D SCAN L1

FILE 'ZCAPLUS' ENTERED AT 10:21:02 ON 09 JAN 2007

FILE 'HCAPLUS' ENTERED AT 10:21:39 ON 09 JAN 2007  
 E HYDROCARBONS, USES/CT

L52 11444 SEA ABB=ON PLU=ON "HYDROCARBONS, USES"+PFT, OLD, NT/CT  
 L53 3 SEA ABB=ON PLU=ON L51 AND L52  
 D SCAN  
 L54 QUE ABB=ON PLU=ON HYDROCARBON?  
 L55 4 SEA ABB=ON PLU=ON L51 AND L54  
 L56 41958 SEA ABB=ON PLU=ON L7 OR PENTANE

10/551137

L57 5 SEA ABB=ON PLU=ON L51 AND L56  
L58 20 SEA ABB=ON PLU=ON L51 OR L53 OR L55 OR L57

FILE 'ZCAPLUS' ENTERED AT 10:25:21 ON 09 JAN 2007

L59 QUE ABB=ON PLU=ON PY<2004 OR PRY<2004 OR AY<2004 OR  
MY<2004 OR REVIEW/DT  
L60 QUE ABB=ON PLU=ON (SINGLE OR ONE) (A) (STEP OR STAGE  
REACTION)  
L61 QUE ABB=ON PLU=ON CRYSTALLIZ? OR EXTRACT? OR  
ION(A) EXCHANG?  
L62 QUE ABB=ON PLU=ON NITROGEN OR PPM OR PART(W) PER(W) MIL  
LION OR PART(3A) MILLION

FILE 'HCAPLUS' ENTERED AT 10:33:18 ON 09 JAN 2007

L63 2 SEA ABB=ON PLU=ON L58 AND L61  
L64 7 SEA ABB=ON PLU=ON L58 AND L62  
D 1-7 KWIC  
L65 3 SEA ABB=ON PLU=ON L58 AND L60  
D SCAN  
L66 20 SEA ABB=ON PLU=ON L58 OR (L63 OR L64 OR L65)  
D SCAN L1  
E CRYSTALLIZATION/CT  
E E3+ALL  
L67 QUE ABB=ON PLU=ON CRYSTALLIZATION+PFT,OLD,NT/CT  
E EXTRACTION/CT  
E E3+ALL  
L68 QUE ABB=ON PLU=ON EXTRACTION+PFT,OLD,NT/CT  
E ION EXCHANGE/CT  
E E3+ALL  
L69 QUE ABB=ON PLU=ON ION EXCHANGE+PFT,OLD,NT/CT  
L70 1 SEA ABB=ON PLU=ON L66 AND ((L67 OR L68 OR L69))  
D SCAN  
SAV L70 KAT137HCP/A  
L71 20 SEA ABB=ON PLU=ON L66 OR L70  
L72 4 SEA ABB=ON PLU=ON L17 AND L71  
L73 20 SEA ABB=ON PLU=ON L17 AND (L23 OR L35 OR L39 OR L19  
OR L27)  
L74 20 SEA ABB=ON PLU=ON L72 OR L73  
L75 20 SEA ABB=ON PLU=ON L74 AND L16  
L76 19 SEA ABB=ON PLU=ON L75 AND L59

FILE 'NTIS' ENTERED AT 10:45:19 ON 09 JAN 2007

FILE 'NTIS, TEMA, JICST-EPLUS, RAPRA, TEXTILETECH, PASCAL, JAPIO,  
CONFSCI, DISSABS, WPIX' ENTERED AT 10:51:02 ON 09 JAN 2007

L77 0 SEA ABB=ON PLU=ON L4  
L78 0 SEA ABB=ON PLU=ON L5 AND L6  
D QUE L38  
L79 3193 SEA ABB=ON PLU=ON L38  
L80 4894 SEA ABB=ON PLU=ON L44  
L81 10 SEA ABB=ON PLU=ON L79 AND L80  
D SCAN  
L82 5 SEA ABB=ON PLU=ON L81 AND (HYDROCARBON? OR PENTANE)  
L83 4 SEA ABB=ON PLU=ON L81 AND ((L60 OR L61 OR L62))  
D SCAN  
L84 10 SEA ABB=ON PLU=ON (L81 OR L82 OR L83)  
E HAUBNER M/AU  
L85 74 SEA ABB=ON PLU=ON ("HAUBNER M"/AU OR "HAUBNER  
MARTIN"/AU)  
E PINKOS R/AU  
L86 149 SEA ABB=ON PLU=ON ("PINKOS R"/AU OR "PINKOS R F"/AU  
OR "PINKOS ROLF"/AU OR "PINKOS ROLF DR"/AU)  
L87 210 SEA ABB=ON PLU=ON (L85 OR L86)  
L88 49966 SEA ABB=ON PLU=ON L16  
L89 119 SEA ABB=ON PLU=ON L87 AND L88  
L90 42 SEA ABB=ON PLU=ON L89 AND (POLYM? OR COPOLYM? OR

CO(W) POLYM?)

L91 25 SEA ABB=ON PLU=ON L90 AND (L38 OR TETRAHYDROFURAN?)

D 1-25 TI

FILE 'JAPIO' ENTERED AT 11:21:31 ON 09 JAN 2007

L92 1 SEA ABB=ON PLU=ON L90 AND (L38 OR TETRAHYDROFURAN?)  
SAV L92 KAT137JAPIN/A

FILE 'RAPRA' ENTERED AT 11:22:39 ON 09 JAN 2007

L93 2 SEA ABB=ON PLU=ON L89 AND (POLYM? OR COPOLYM? OR  
CO(W) POLYM?)

FILE 'WPIX' ENTERED AT 11:23:21 ON 09 JAN 2007

L94 38 SEA ABB=ON PLU=ON L89 AND (POLYM?/BI, ABEX OR  
COPOLYM?/BI, ABEX OR CO/BI, ABEX(W) POLYM?/BI, ABEX)  
SAV L94 KAT137WPXIN/AFILE 'NTIS, TEMA, JICST-EPLUS, RAPRA, TEXTILETECH, PASCAL, JAPIO,  
CONFSCI, DISSABS, WPIX' ENTERED AT 13:04:45 ON 09 JAN 2007

D QUE L81

L95 1785 SEA ABB=ON PLU=ON (POLYTHF OR TETRAHYDROFURAN OR THF  
OR NEOPENTYL(N) GLYCOL) (3N) (COPOLYM? OR CO(W) POLYM?)

L96 35 SEA ABB=ON PLU=ON L95 AND L80

L97 15 SEA ABB=ON PLU=ON L96 AND (HYDROCARBON OR METHANE OR  
ETHANE OR PROPANE OR PROPANE OR BUTANE OR PENTANE OR  
HEXANE OR HEPTANE OR OCTANE OR NONANE OR DECANE)

L98 20 SEA ABB=ON PLU=ON L96 NOT L97

D SCAN

D 1-20 KWIC

D 1-35 TI L96

L99 20 SEA ABB=ON PLU=ON L96 AND GLYCOL

D 1-20 TI

L100 35 SEA ABB=ON PLU=ON L96 OR L99

L101 23 SEA ABB=ON PLU=ON L91 AND L59

FILE 'STNGUIDE' ENTERED AT 13:40:13 ON 09 JAN 2007

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:41:08 ON 09 JAN 2007

L102 0 SEA ABB=ON PLU=ON L4

D SAV

FILE 'HCAPLUS' ENTERED AT 13:49:17 ON 09 JAN 2007

L103 19 SEA ABB=ON PLU=ON L71 AND L59

SAV L103 KAT137HCPA/A

D QUE L76

SAV L76 KAT137HCPIN/A

FILE 'NTIS, TEMA, JICST-EPLUS, RAPRA, TEXTILETECH, PASCAL, JAPIO,  
CONFSCI, DISSABS, WPIX' ENTERED AT 13:55:31 ON 09 JAN 2007

L104 40 SEA ABB=ON PLU=ON L84 OR L100

D QUE

L105 39 SEA ABB=ON PLU=ON L104 AND L59

D QUE

L106 39 SEA ABB=ON PLU=ON L105 OR L77 OR L78

FILE 'HCAPLUS, RAPRA, PASCAL, JAPIO, WPIX' ENTERED AT 14:35:21 ON  
09 JAN 2007

L107 44 DUP REM L103 L106 L102 (14 DUPLICATES REMOVED)

ANSWERS '1-19' FROM FILE HCAPLUS

ANSWERS '20-22' FROM FILE RAPRA

ANSWER '23' FROM FILE PASCAL

ANSWERS '24-31' FROM FILE JAPIO

ANSWERS '32-44' FROM FILE WPIX

D L107 1-19 IBIB ABS ED HITSTR HITIND

D L107 20-31 IBIB ABS ED HIT IND

D L107 32-44 IALL ED ABEQ TECH ABEX

10/551137

D QUE L76  
D QUE L101  
L108 31 DUP REM L76 L101 (11 DUPLICATES REMOVED)  
ANSWERS '1-19' FROM FILE HCAPLUS  
ANSWER '20' FROM FILE RAPRA  
ANSWER '21' FROM FILE JAPIO  
ANSWERS '22-31' FROM FILE WPIX  
D L108 1-31 IBIB ABS ED  
L109 40 SEA ABB=ON PLU=ON L107 NOT L108